



Hessian Fly Resistant Wheat **Varieties**

Reduce wheat losses due to Hessian fly and increase yield

The Hessian Fly Resistant Wheat Varieties are specifically bred wheat plants with a natural ability to resist the Hessian fly, a destructive insect. Created through selective breeding, these varieties are developed to withstand larvae attacks, acting as a protective shield for the wheat.



Hessian fly adult (left) and larvae and damage to wheat (right)

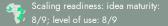


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This technology is **TAAT1** validated.

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Technology from

ProPAS

Commodities

Wheat

Sustainable Development Goals







Cost: \$\$\$ 35—43 USD

Seed needed per ha

79-100 % Protection of plants from

pests

5.5-7.1 tons/ha yield potential

105 usp

Additional production of forages per ha

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Problem

The wheat production faces infestations by the Hessian fly and lead to substantial losses in many major wheat-producing areas, impacting crop yields.

· Hessian Fly Resistant Wheat Varieties provides a

ROI: \$

• These varieties significantly decrease damage crops.

Solution

- natural barrier against infestations.
- caused by Hessian fly larvae, ensuring healthier

Key points to design your business plan

This technology benefits seed multipliers, resellers, and users (farmers). Seed multipliers can reduce production losses and improve food security by acquiring and multiplying Hessian fly resistant wheat varieties. Resellers can meet the growing demand by providing proper storage facilities and safeguarding seeds against insects. For users, the technology offers natural resistance to the Hessian fly.

Gender assessment



Climate impact





Production, Improved varieties, Insect resistance

Best used with

• Integrated Management of Insects, Diseases and Weeds in Wheat >



